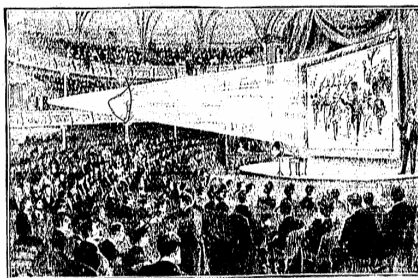


Exhibit : no 2.

Martin

'99 MODEL
Combined Cineograph and Stereopticon



Edison Concert Phonograph and Cineograph in Combination

Animated Pictures and Stereopticon Pictures

LIFE SIZE

E. M. PRESCOTT

Edison Building, No. 34 Broad Street
NEW YORK, N. Y., U. S. A.

SOLE AGENTS, NEW YORK

J. A. K. B. & Co., 100 N. 5th St., New York, U. S. A.

London, England, U. S. A.

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TERMS AND HOW TO ORDER

OUR terms are *strictly Spot Cash*. We extend no credit, nor do we lease or sell exclusive privileges of any kind. Prices are **Net**, sold absolutely without any restrictions as to territory.

We do not ship machines or films on approval, nor do we guarantee them for any special length of time. Every apparatus is warranted to be of superior workmanship, and none but the best materials are used in their manufacture. Defects, if reported immediately, will be remedied without charge.

We ship C. O. D. only on receipt of at least 25 per cent deposit to guarantee transportation charges both ways. No goods sent C. O. D. to points in **Foreign Countries** under any circumstances.

Purchasers can save return C. O. D. charges by remitting in full with order.

Remit by certified check, bank draft drawn on any responsible bank or banking house of New York, London or Paris, or by Express or P. O. Money Order payable to the order of F. M. PRESCOTT.

Delivery **Free on Board** cars or boats in **New York**, and no charge for packing, boxing, or drayage. The greatest care is exercised in packing, and all shipments are made at purchaser's risk of damage in transit unless we are instructed to ship at risk of carrier. Foreign shipments are insured at customer's expense unless otherwise instructed.

To avoid errors be careful to give full address, and to state line of express company by which shipment should be made, and if for export, seaport to which goods should be shipped, and party to whom consigned.

F. M. PRESCOTT
Edison Building
New York, N. Y.

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The Cineograph and Stereopticon Combined 1899 MODEL

THE CINEOGRAPH is an instrument by which instantaneous photographic pictures of moving objects, whether animate or inanimate, are brilliantly illuminated and displayed, greatly magnified, upon a screen so as to be visible to an assemblage of thousands of persons; not only this, but also exhibiting every motion of the object with an effect that is so startling and so true to nature as to almost force the observers to believe that they are viewing the reality and not its photographic reproduction.

In a word, everything possessing motion can be photographed for reproduction in the Cineograph. For instance: The waves breaking on the seashore—A troop of cavalry making a charge—Limited express railway train at a full speed—Men at work in a blacksmith shop—A boxing match—Barbershop scene—Ballet and skirt dancers, etc., etc., in almost endless profusion, as our list of subjects will indicate, and additional novelties are constantly being added.

Each subject is illustrated by instantaneous photographs—"snap shots"—of the successive movements of the natural scene, or the living object, from about 800 to 2,000 different photographs being necessary to develop each design, and constitute what is called a "Film." The separate movements are photographed consecutively on this film, which is a transparent band of about 1½ inches wide, varying in length from about 50 feet upwards, according to the number of movements to be represented.

A simple yet effective mechanism, operated by hand, causes one of these films to pass swiftly through the optical system of the Cineograph, being at the same time brilliantly illuminated and the lens of the instrument projects the successive pictures, highly magnified, on a screen placed at a suitable distance. The pictures are cast upon the screen one after the other, with lightning rapidity, but occupying always the same space; each combining with its predecessor so quickly that the eye cannot perceive any break between them, and thus the effect of continuous action results. There is no back, jerk or vibration to destroy the harmonious continuity of action on which the beauty of the illusion so largely depends. These artistic fidelity to nature is secured and the illusion is perfect.

The films are well protected in their passage through the instrument, and the mechanism is so arranged that, notwithstanding the force with which they are propelled, they are not liable to be torn or scratched. As the films pass from the spool, they are subjected to all operations which cause them to be much worn, and the result is a film which will impart a clear, very true, and most beautiful picture to the eye, and which will last for a long time without any need for repair or adjustment.

The instrument is furnished with the Cineograph, and the films are supplied at a price which is very low.

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ITS APPLICATION

This marvelous instrument, the latest product of its kind, is an improvement upon the earlier types, in that it combines both the utility of the Cineograph for animated pictures and the stereopticon for regular stereopticon or illustrated song work. The Cineograph projects apparently living pictures and actual scenes upon the canvas, or screen. It represents the very highest branch in the art of photography, that of bringing before the eye an exact life-size reproduction of living motion with all its accompanying effects of light, shade and expression.

The Stereopticon attachment supplies a long felt want in that it does away with a separate stereopticon lantern, which exhibitors heretofore have been obliged to use.

As will be seen from the illustration of the combined machine, it consists of two objective lenses, the one for the animated picture and the other for the stereopticon, with one condenser. The lamp and lamp house with condenser serve for both lenses, and while the operator on the right of the machine is placing upon the reels the next film to be shown, another operator, or the same one in fact, can throw upon the screen with the stereopticon attachment a brief description of the next film to be shown.

To illustrate clearly, we will describe the one as it is now exhibited in Chicago at the opera house.

The drop curtain has fallen for the intermission, when suddenly the house is darkened and the following announcement is heard thrown on the screen by the stereopticon attachment: "*Black Diamond* Express."

After the audience have read the announcement upon the screen it will disappear, and before the eye of the audience a large window will be opened.

The first scene shown is the interior of the engine room of the locomotive, with the engineer and fireman at work. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the engine room.

The next scene shown is the interior of the passenger car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the passenger car.

The third scene shown is the interior of the dining car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the dining car.

The fourth scene shown is the interior of the smoking car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the smoking car.

The fifth scene shown is the interior of the sleeping car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the sleeping car.

The sixth scene shown is the interior of the baggage car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the baggage car.

The seventh scene shown is the interior of the mail car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the mail car.

The eighth scene shown is the interior of the observation car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the observation car.

The ninth scene shown is the interior of the parlor car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the parlor car.

The tenth scene shown is the interior of the lounge car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the lounge car.

The eleventh scene shown is the interior of the smoking car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the smoking car.

The twelfth scene shown is the interior of the sleeping car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the sleeping car.

The thirteenth scene shown is the interior of the baggage car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the baggage car.

The fourteenth scene shown is the interior of the mail car, with the passengers seated at the tables. The scene is so vividly and so truthfully reproduced that the audience feels as if they were actually in the mail car.

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antics of the circus clown; dances, contests of every description, acrobatic performances, military evolutions, scenes from the busy street, the field, the mountain, the river, and the ocean. All kinds of locomotion are represented, from the mule-train to the limited express, from the tiny canoe to the transatlantic "liner."

Consider the utility and the vast possibilities of this wonderful invention. Through its magic window we view the everyday life of far-away countries which we may never hope to visit. Famous bits of natural scenery are brought home to us. Comfortably seated at the theatre we watch the raging of a storm on land or sea. By the flying leaves, tossing branches, and dust-clouds, or by the wild, surging waters and driving spray we can measure its fury. We are interested, amused and instructed.

In comparison, the Cineograph is as far superior to the ordinary magic lantern or stereopticon as the phonograph is to that crude toy doll which but imperfectly utters the one word "Mamma."

It is a boon to the manager of a theatre, a powerful auxiliary to his stage effects, and a most entrancing diversion for the usually tedious intermission.

He who lectures upon foreign lands or travels finds it of great assistance in illustrating his discourse; the scientist can but recognize its value in many ways, and the present comparatively reasonable price of the instrument cannot fail to bring it within reach of even private individuals for **Home Entertainment**.

As an exhibition feature it is always immensely popular, and in an inconceivably short space of time returns to its owner, not only the entire first cost, but a handsome profit on both the investment and his time.

THE STEREOPTICON ATTACHMENT

We are pleased to state that besides being used for announcing the name and description of the films to be shown, it can also be used independently and without the Cineograph, for showing regular stereopticon views, and also for illustrated songs, which are becoming so popular in many of the theatres and vaudeville shows. While the soloist is singing some popular selection from the stage, the most interesting incidents in the song are illustrated upon the screen on the same platform with the singer.

A Performance with the Cineograph can be given for Two Hours

The Cineograph, when used with the stereopticon attachment, can give a performance of at least two hours. The performance can be given for at least two hours.

One hour after its arrival in the town where the exhibition is to be given will suffice to complete all necessary arrangements. All that need be done is to take it out of the box, place it on the platform, put in your film, and you need only to turn the crank to give the finest exhibition that was ever had from a life-motion picture machine.

To use stereopticon slides in connection with the 1899 Model Cinegraph, show an animated picture first, then move the lamp house, which takes but a second, and your machine is set to show stereopticon views. There being thousands of stereopticon views in the market, the cost of which is from \$3.00 per dozen and upwards, you can thus give an entertainment never before attempted by your predecessors. We are daily taking stereopticon subjects, which are truly wonderful and are warranted to please the most critical audience.

The 1899 Model of the Cineograph is a most wonderful piece of mechanism, and the films, to say the least, are masterpieces of photography. There is no reason why, with an 1899 Model Cineograph and Stereocoin combined, you should not make a small fortune. Now is the time to reap a harvest, as the country is wild to witness the representations of the marvelous life-motion machines. —They appeal to the refined and cultured, and the merchant and his wife and children are amused and instructed thereby.

You can safely apply for dates to churches, schools, stores, lodges, clubs or theatres and contract to give an entertainment at one hour's notice. The Cinegraph is so constructed that you can give a performance with electric light, calcium light or acetylene gas. With electric or calcium light you get a picture 10 x 20 feet. With acetylene gas you get a picture suitable for parlor use.

Your Own or your Family's Picture taken

We make like the picture of your father, mother, brother, sister or children as they are in life, and produce their action like in minutes of fifty feet or more, to cost about \$100. It would be better for the attraction to some had they the pictures of the departed one, for even those who have left their homes to work in foreign or foreign country or in a city where wither one of the 25,000,000 people, some of the film in the machine. And so they when you have the moving about, apparently talking, in your face, there is a life, the machine and by looking at them, they actually imagine they are the subjects of your thought. They are really a part of you, and a person in motion, as if they thought of it, which is the picture. How could it be that the machine is a photograph of the person, and yet it is not a photograph, which is not a photograph, but a picture. We would not call it a photograph, but a picture, and the picture is a picture, and they are as much as the picture of a picture.

Online manuscript submission and review information is available at <http://www.blackwell-sydney.com/submit>

We are prepared at a moment's notice to send our operators to take views of your stores, halls and workrooms, at a moderate cost; also your own or your family's picture **in life motion.**

**Advantages of the 1899 Model Cineograph
over all other Picture-Projecting
Machines are :**

FIRST. Being scientific opticians as well as mathematical instrument makers, we combine in the Cinegraph the mechanical perfection of a microscope body as well as the highest optical science in the lenses used, thereby insuring a clear, bright, undistorted picture as well as precision of movement heretofore unattained in other instruments of this class. All lenses for the Cinegraph are ground under our personal supervision, which accounts for the sharpness and beauty of the pictures produced.

SECOND.—The Cinegraph is so constructed that Edison's or any other make of films can be used. When the machine is not desired to be in operation (during the intervals of an entertainment) the light may remain in full force, as the shutter on the tube leading directly from the condenser has an iuzin-glass door which protects the film

INTRO The 1800 Model Cineograph can be put up or removed in any theatre or hall in less than ten minutes.

FOURTH. It will be seen that the Cinégraph has been constructed to weigh as little as possible, and is well adapted for traveling purposes. It is so very wonderful and yet so simple in its construction that any man or even a boy can easily operate it.

In use. The Cinegraph can be operated with both electric light or candle gun light with equal result.

Very important information for the Council and the Council Secretariat, by its operation can be simply from a hand-drawn map, indicating the low movement of people in the area. Study phonetic, tapping, here and there lead in the window, people come in and coming out, as well as the speed of a child or a riding part or an imbalance of movement. In the house, the movement of the wall of a person or the flight of a plane, a small part of the body with another in the air.

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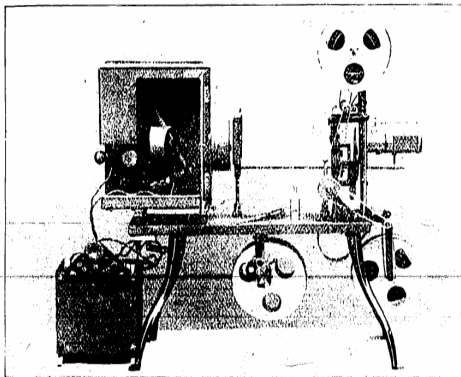
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9

New Improved Cineograph and Stereopticon Combined, 1899 Model

A FEW REASONS FOR OUR JUST CLAIM THAT OUR 1899 MODEL CINE-
OGRAPH AND STEREOPTICON COMBINED IS BEYOND A DOUBT
THE KING OF ALL LIFE-MOTION PICTURE MACHINES



SIDE VIEW OF THE 1899 MODEL CINEOGRAPH AND STEREOPTICON COMBINED

Experts agree in pronouncing it the Best, Simplest, Strongest and Easiest
Operated Instrument on the market

1. It is easily operated by hand, requiring no Electric Motor.
2. Picture of the scene can be projected on the screen without vibration on the screen.
3. The picture is shown without vibration on the screen.
4. The picture is shown on the screen, the picture being not only clear but also very bright.
5. The picture is shown on the screen, the picture being not only clear but also very bright.
6. The picture is shown on the screen, the picture being not only clear but also very bright.
7. The picture is shown on the screen, the picture being not only clear but also very bright.
8. The picture is shown on the screen, the picture being not only clear but also very bright.
9. The picture is shown on the screen, the picture being not only clear but also very bright.
10. The picture is shown on the screen, the picture being not only clear but also very bright.

STEADINESS

The great objection to life-motion machines heretofore has been their unsteady motion when projecting pictures on the screen. While we partly overcame the deficiency in our 1898 Model, yet it was by far the best on the market. This was conceded by the manufacturers of the numerous machines offered to the public during the year 1898.

In our 1899 Model we have succeeded in eliminating this great objection, which to a certain extent marred the beauty of the projected picture. Our 1899 Model Cineograph and Stereopticon Combined is absolutely perfect in that the picture is steady, **does not jump**, but remains as it were **solidly** in place on the screen. The vibration having been entirely eliminated, there appears a steady picture on the screen, and the effect obtained does not affect or hurt the eyes, as is common with other makes of machines. Indeed, it is utterly impossible with our advanced improvements for the picture to move from the point at which the operator has placed it. This feature alone recommends it to prospective purchasers who want the best that can be had and who will accept none other. We are just 51 years ahead of our competitors with this **new feature** alone, which suggests the progressiveness of our product.

NOISELESS

A noiseless projecting machine has heretofore been considered an impossibility. All the combined machines on the market have been such that in many cases they were condemned for one of the loud noise coming from them when in operation, often annoying the audience.

After a full year's experimenting with various forms of mechanism, we have succeeded beyond our most sanguine expectations in producing a most marvelous instrument, which compares favorably with the highest running sewing machine. Our 1899 Model is also adapted for the theatrical stage, and in the theatre, often a loud crash of music and the song projected on the screen, the sound of the machine is so light that every word of the song can be distinctly heard, and the audience not subjected to any sound that would annoy anyone. This is a new and commendable feature.

SAFETY

One of the principal defects of the old machines was the impossibility of turning them off. The picture was projected on the screen and the machine would not stop. This was a very dangerous feature, especially in the theatre, where the picture was often projected on the screen and the machine would not stop.

per year, as the operator can now concentrate his entire time and attention to the projected picture, feeling secure in the thought that the film is perfectly safe, and that by no unforeseen occurrence can it be ruined.



WEIGHT

An objectionable feature with picture machines has also been that their weight was such as to make it impossible in some cases to move them conveniently from one town to another with ease and despatch.



While our first Model weighed less than its predecessor, it was still a bulky machine, weighing in at over 25 pounds. It was a bulky machine, weighing in at over 25 pounds.

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so light and compact that it can be placed in an ordinary trunk with room to spare. This is a strong feature in itself, as it is thus adapted for quick moving, where one night stands are made.

A particular advantage contained in the 1899 Model Cineograph and Stereopticon Combined is that films from 1,000 feet or more in length can be used thereon from a reel. The film runs off of the top reel and rewinds while the machine is in motion on the lower reel (see illustration). There is also a rewinder attached to the oak base, by the use of which the operator can rewind a film of 1,000 feet in less than two minutes.

ADAPTABILITY

The complete instrument is mounted on a handsome polished oak base, which can be placed on an ordinary table or stand. (We do not use tin spoils, which mar films.)

LARGE PICTURE

It projects a picture even greater than life size, if desired, without distortion or indistinctness, and also without the use of special gauge film, being made to standard. It is fitted with a superior objective lens, giving a field sixteen feet high by twenty feet wide; proportionately larger or smaller pictures may be had by increasing or decreasing the distance. A special lens is also supplied where a larger picture than dimensions specified is wanted.

COLORED EFFECTS

By means of special attachments, various beautiful colored effects can be produced which give additional realism to the scene.

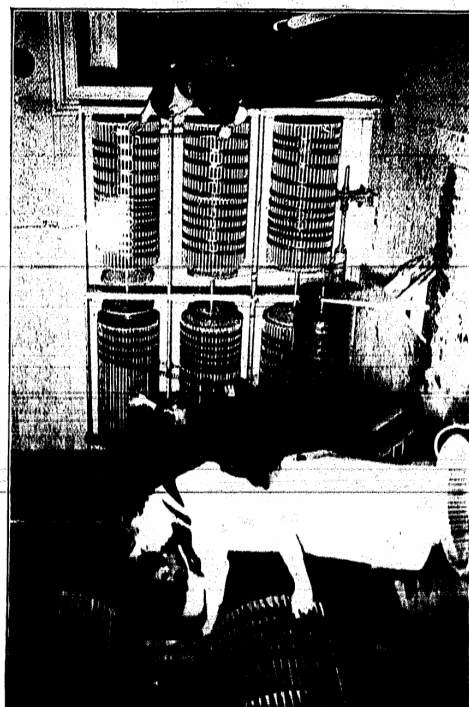
NO FLICKERING

A bright light without any unpleasant flickering is produced by a newly designed hand feed mechanism, which is provided with a continuous and adjustable for use on direct or alternating current. Every negative, photograph and print of carbon is brought about by means of the apparatus, from which both very bright and very faded

NO BURNING OF FILMS

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condensed ray of light, which ignites same instantly unless the film is in motion. By means of our new attachment, an isinglass door, the light can be focused on film indefinitely without burning same; besides



enabling operator to produce still pictures, which, when motion started, appear to become suddenly animated, producing startling effect.

F. M. PRESCOTT, CHICAGO, ILL.

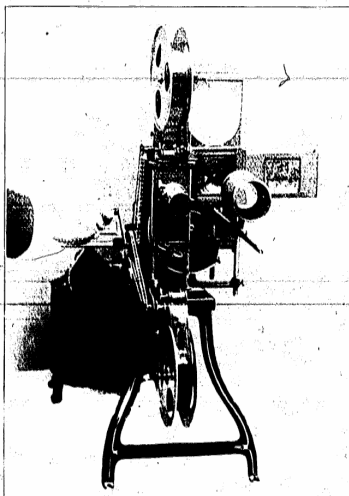
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SIMPLICITY

Only one operator is necessary, whereas almost every other machine requires two. No intricate mechanism to get out of order. The Cineograph is constructed so that it is easily turned by hand, in fact as easily as you would turn an organ—a child can operate it.

INSTRUCTIONS

Complete instructions in English or Spanish for assembling and operating the machine are furnished free and accompany each machine.



FRONT VIEW OF THE MODEL CINEOGRAPH AND STEREOPTICON COMBINED

For the latest Edison information address

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PRICE LIST, 1899 MODEL**Cineograph and Stereopticon Combined, \$125**

Code word, *Gonoplax*.

INCLUDING

1. Superior Hand-power Mechanism.
2. Wide Angle Objective Lens for Life-Motion Picture.
3. Special Ground Acromatic Lens for Stereopticon Pictures.
4. One Pair Extra Quality Condensing Lenses.
5. Extra Lens for Enlarging Pictures.
6. Rapid Improved Framing Device.
7. Improved Hand-feed Arc Lamp.
8. Calcium Light Lamp.
9. Russia Iron Lamp House.
10. Russia Iron Funnel.
11. New Improved Adjustable Rheostat.
12. Three Extra Large Reels.
13. Hand-polished Film Spools, will not scratch film.
14. Mica Window, for protecting film when not in operation.
15. Set of Slides for producing colored effects.
16. Highly Nickel-plated Oil Can.
17. Screw Driver.
18. Wrench.
19. Film Cement.
20. Printed Directions for Operating, in English or Spanish.
21. Walnut finish hard-wood Case for carrying the mechanism of the Cineograph.

Glass Slides, with name of film (*Edison*), each \$0.50
Standard Films, clear (length about 50 ft.) (*Edison*), 7.50
 " (length about 100 ft.) (*Edison*), 15.00
 " (length about 150 ft.) (*Edison*), 22.50

Extra charge for coloring dances and similar subjects varies from \$4 to \$15 per film, according to subject and length of strip. In the majority of cases, however, the minimum charge is made. Colored films (*Edison*).

As our list of **Film Strips** now includes over 400 Subjects, and is being constantly added to and revised, we published it separately and issue descriptive bulletins of new subjects as photographed.

Extra Lens, 150 to 125 ft. projection (*Edison*), \$15.00
Combined Slide Carrier (*Edison*), 1.00
Dissolving Carriers (*Edison*), per pair, 1.00
Self Centering Slide Carriers (*Edison*), per pair, 2.00
Slide Box for Holding 50 Plates (*Edison*), 1.00
Slide Box for Holding 100 Plates (*Edison*), 1.00

F. M. Prescott, Edison Building, New York, N. Y.

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Blank Film Perforated, for Spacing (<i>Abstaing</i>), per foot.....	\$0 15
Film-mender (<i>Abstaing</i>).....	1 00
Film Cement (<i>Abstaing</i>), per bottle.....	25
Imported Carbons, for Lamp (extra quality) (<i>Abstecken</i>) per 100.....	5 00
Electrotype, same as frontpiece (<i>Abstecken</i>).....	1 25
Half-tone Electrotype of Cineograph, page 16 (<i>Abstecken</i>).....	1 25
Half-tone Electrotype of Combined Machine, page 8 (<i>Abstecken</i>).....	1 25
All other Electrotypes in Catalogue (<i>Abstecken</i>), each.....	1 25
Safety Fuse-block (20 ampere fuse) (<i>Abstecken</i>), each.....	50
Lamp Cord, double, for connecting to main circuit (<i>Abstecken</i>), per foot.....	08
Oil Can, nicked, long neck (<i>Abstecken</i>).....	25
Oil (best refined) (<i>Abstecken</i>), per bottle.....	25
Knife Switch (<i>Abstecken</i>).....	1 50

PORTABLE ELECTRIC PLANT FOR FURNISHING LIGHT FOR THE COMBINED CINEOGRAPH AND STEREOPTICON

We have had so many inquiries for such a plant, where it has not been possible to procure electric light, that we have decided to list the following outfit, which will be entirely satisfactory:

One 4½ kilowatt, 36 ampere, 120 volt, direct current dynamo; complete with driving pulley, 6½ inch diameter, 3 inch face; speed, 1,800 revolutions per minute; net weight, 560 lbs.; floor space required, 31 x 19 inches (<i>Abstecken</i>), price.....	\$250 00
One pressed car) rheostat for dynamo (<i>Abstecken</i>).....	20 00
One 120-volt meter (<i>Abstecken</i>).....	50 00
One 40-ampere ampere meter (<i>Abstecken</i>).....	40 00
One double pole single throw 30-ampere switch (<i>Abstecken</i>).....	9 00
300 feet No. 6 double rubber-covered wire for connecting dynamo to photostage, at 5 cents per foot (<i>Abstecken</i>).....	15 00
One six horse-power combined gasoline engine and boiler, capable of operating the 4½ kilowatt dynamo at its full capacity; weight 1,200 lbs., complete with driving pulley; of sufficient size to operate dynamo at required speed (<i>Abstecken</i>), price, complete.....	\$0 00
One double electric leather belt 10 feet x 4 inches, for connecting dynamo to engine (<i>Abstecken</i>).....	6 00

Price, complete, \$800.00. *Abstecken*

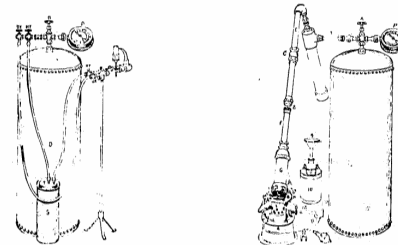
The foregoing is all that is necessary for a complete electric light outfit for furnishing the required amount of light for a combined Cineograph and Stereopticon. As will be seen, the entire outfit weighs not about 2,000 lbs., and, on account of this weight, which cannot be reduced by using smaller machines, it will not be found suitable for travelling, especially in countries where there are no railroads and poor transportation facilities. We recommend this electric light outfit only where it can be installed as a stationary plant in a large hall, theater, or other building. There it will give most excellent results. But for those who wish a portable outfit with which to travel from town to town we would recommend the calcium or acetylene equipment described hereafter.

For the latest Edition inquire by mail.

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The Improved Portable Calcium Light Outfit FOR LIFE-MOTION PICTURES AND STEREOPTICON



SHOWS THE OUTFIT IN OPERATION

GAS MAKING PROCESS

Our object in manufacturing these improved calcium light outfits is owing to the great number of requests for a cheap, but practical, portable apparatus for use on life-motion picture machines and stereopticon, thus doing away with the annoyance of having the gas shipped from the manufacturers to the towns in which the exhibition may be given.

Free from annoyance.—You can make your own gas whenever and wherever you need it in less than one-half hour. In twenty minutes you can make enough gas to last for at least two hours or more.

A valuable substitute for electricity.—It is a most important feature of a showman's success that he can control his light under any and all circumstances. Here it is beyond a doubt. Where electricity cannot be had, you are master of the situation in a moment, and can give a brilliant performance, being perfectly independent in your own resources, which are adequate with an Improved Calcium Light Outfit.

One line will be consumed during an evening's entertainment of one hour and a half.

This calcium-light equipment will give most excellent results for use with the stereopticon attachment.

The above outfit for \$75.00 comprises all that is necessary for the making of the gases and using calcium light with the Cineograph. About 1,000 candle-power will be obtained, which gives an exceedingly satisfactory result, picture clear, sharp and very distinct. Exceeding electricity, calcium light has no equal as an illuminating power for the Cineograph and Stereopticon. This outfit, with metal tank, is superior to the old-fashioned canvas gas bag arrangements, which were bulky and always leaking.

OTHER FEATURES.—Oxygen Cylinder, 100 ft. 2, best improved Carbide, Saturator, Pressure Gauge, Needle Valve, Wash Bottle, Gasoline Storage Can, Wrench, Funnel, and an extra Safety Valve, which prevents the water from mixing with the chemicals. Calcium Prepared, Times, sufficient for making for best performance of two hours each, Printed Instruction.

Price, complete, \$75.00.

Extra Lines, per dozen \$1.00.

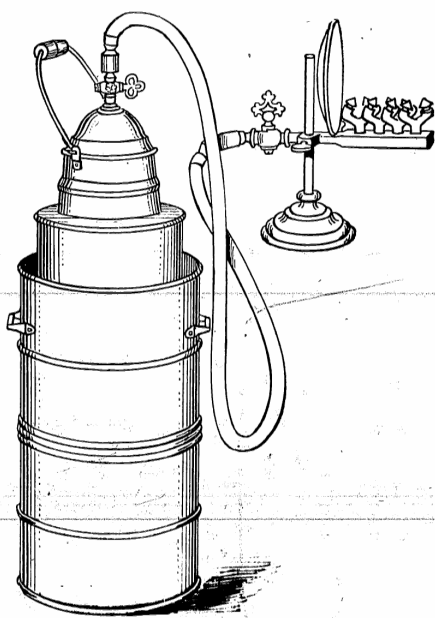
Extra Chemicals, per dozen \$1.00.

For the latest Edition inquire by mail.

F. M. PRESCOTT, Edison Building, New York, N. Y.

ACETYLENE GAS

The New Light for Cineograph, Lantern Projection and Optical Experiments



Acetylene outfit, complete for use with combined Cineograph or any reception lantern, including

- 1 Generator
- Rubber connecting tube
- 1 High jet burner with reflector
- 100 lbs. Calcium Carbide
- Instructions for Making and Using

Price, complete \$35.00. *See results*

Extra charge for the 100 lb. tank, but only on 100 lb. tank

For the full list of our telegraphing orders

This gas is generated from carbide, by contact with water. Carbide is now on the market and can be procured at a reasonable price in suitable quantities. For lantern projection, it is convenient to employ a generator which acts automatically and regulates the supply of gas to the burner while lighted. This generator consists of two cylinders, the lower one being the tank which holds the water necessary to generate the gas; the upper one, fitting within the tank, contains the gasometer below, which is the net for supporting the carbide. The rise and fall of the net in and out of the water is regulated by the amount of gas in the gasometer, and this automatic movement, in its turn, replenishes the gasometer as required, with a constant pressure of about two inches. The flow of gas is regulated by a stop-cock at the top of the gasometer. This light is very white and penetrating, and from the burner gives about 250 candle power, or about half that of the lime light, and more than twice of petroleum. With the ordinary care given to gas, acetylene used in this manner is safe, and it is economical, for calcium carbide can now be had at such a price as to make this light little more expensive than the oil. Transportation is also rendered a small consideration, for this only concerns the carbide, which may be shipped from one place to another with safety and without inconvenience.

For those who wish a simple, portable, and satisfactory independent light outfit, we would recommend the Acetylene Outfit, which costs, complete and ready for use, \$35.00.

The gas is made and ready for use in one minute by simply placing a small quantity of the calcium carbide in the generator, which is partially filled with water, the action of the water on the calcium carbide freeing the gas, which, by the way, is not dangerous.

The effect of this light with the Cineograph in a well-darkened room is amazing, considering the simplicity and cheapness of the outfit. We especially recommend it where electricity cannot be obtained, or where it is inconvenient to procure calcium light.

The best results are obtained by using the outfit at night in a small room, absolutely dark and at not over 25 to 30 feet projection, using films with a thin background, which have few figures and are without fine detail.

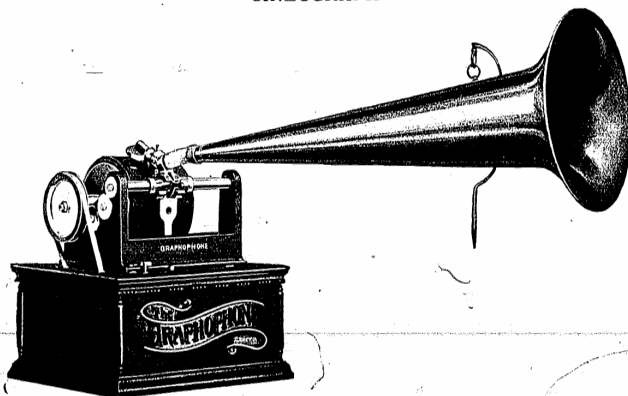
Used with the stereopticon the acetylene light gives as satisfactory results as could be desired.

Complete instructions, in English or Spanish, accompany the equipment, making it exceedingly easy to understand and operate.

F. M. Prescott, Edison Building, New York, N. Y.

22 *In Telegraphing Orders use the Code Words in Italics*

GRAPHOPHONE ATTACHMENT FOR THE CINEOGRAPH



GRAPHOPHONE GRAND

With the advent of the Graphophone Grand, which reproduces as loud and natural as the human voice or an orchestra or band, a combined cineograph and graphophone is now possible, so that the audience may hear as well as see the performance.

By the use of the following outfit, as illustrated above, in connection with the Cineograph, musical records, harmonized to the films of dancers or of marching, can be reproduced so that the audience may see the dancing or the marching and hear the music to the steps at the same time. The Graphophone is placed on the stage and the audience can hear the music plainly. The Cineograph is operated independently upon the stage by the lecturer, the Cineograph being operated in the rear of the hall or room by an assistant both operators working in conjunction. The outfit is as follows:

- 1 Graphophone Grand with clockwork motor
- 1 Grand Brass Horn
- 1 Nickel plated Folding stand
- 1 12 in. Portable Carrying Case for Record

Price, \$125.00. *Graph.*

Harmonies, 1 Minute Records, *Edison* or *Columbia*

\$2.50

For the latest Edison inventions, address

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23

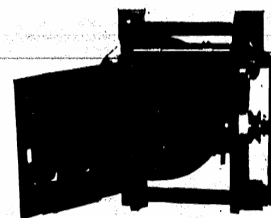
OUTFIT FOR TAKING AND MAKING FILM SUBJECTS FOR PROJECTION

SOLD FOR EXPORT ONLY



KINETOGRAPH, OR CAMERA FOR TAKING PICTURES—CAMERA WITH BACK REMOVED SHOWING INTERIOR

As will be seen by the illustration, this machine is operated by a small hand-power motor, each revolution of the winding crank making 16 exposures of the film. As there are 46 exposures to the second in the Standard Edison pictures, it is necessary to make three complete revolutions of the winding crank in one second. This may easily be done, and with a little practice one can tell when he has the machine up to the proper speed.



CAMERA, FILM, SHUTTER AND WORKING MECHANISM OF APERTURE

The mechanism of the camera is easily adjustable by moving the film, clock-shutters on a groove, making the camera bright night. The film is placed

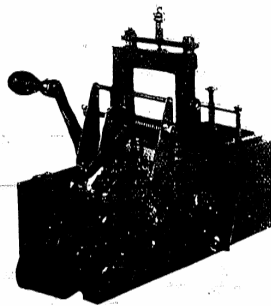
J. M. Prescott, Edison Building, New York, N. Y.

upon the upper reel shown in the illustration, passes down through the framing plate, and is connected with the lower receiving reel.

Each reel will hold sufficient film for making one 150-foot film, or three 50-foot films. The camera is self-focused, therefore no focusing is necessary. The pictures are best taken at about 25 or 30 feet focus, but long-distance views are always in focus and make sharp, clear subject, but small in detail. Camera has a magic finder.

The camera is light, weighing less than twenty pounds, and may be carried easily. After once filling the reels with the films it is ready for operation at any moment. The machine takes pictures on film of Standard Edison width and size.

Price, complete, \$175.00. *Acamparado*



As shown in the illustration, this Film-Perforating Machine is operated by hand-power, having a small winding crank. The film is automatically fed through under the punch, and may be perforated as fast as the operator is able to turn the winding crank. The machine is very accurate in operation, making clean-cut perforations, and never damaging or tearing the film. It is compact, and may be used in a small space. It makes Standard Edison perforations; four holes to the picture.

Price, complete, \$125.00.

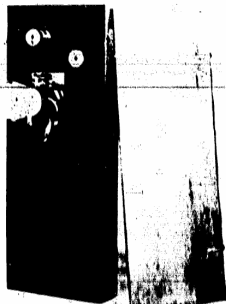
Leafarion

FILM PERFORATING MACHINE

This Printing Machine for printing Positive Films, consists of a light-tight box with a removable cover. There are two spools on one of which is wound the negative with the positive film under it. The ends are then drawn through the different devices until the free ends are placed upon the receiving spool. By turning a winding crank on the reverse side of the machine (not shown in the illustration) the films are fed past the light aperture, when the imprint is left upon the positive. By means of an electric or light, positives may be printed either during the day or night, and at a very rapid rate. This machine prints films of Edison Standard perforations.

Price, complete, \$100.00.

Leafarion



PRINTING MACHINE

For the latest Edison inventions address

FOUR DEVELOPING TUBS WITH TWO REELS FOR DEVELOPING FILM

These are wooden tubs of an oblong shape, in each of which revolves a reel. The developing liquids are placed in the tub, so that the bottom of the reel washes in the developing fluid. By winding the film upon the reel and revolving the reel the film passes through the developer liquid and receives the necessary treatment for development.

Price for the four tubs, complete, \$100.00. *Acamparado*

Camera (<i>Acamparion</i>).....	\$175 00
Perforating Machine (<i>Acamparion</i>).....	125 00
Printing Machine (<i>Acamparion</i>).....	100 00
Four Developing Tubs and Two Reels (<i>Acamparion</i>).....	100 00

\$500 00

Outfit, complete, as described above, \$500.00. *Acamparion*

CHEMICALS

We would recommend the following list and quantity of chemicals for use with our photographic outfit, the quantity being sufficient to use with 20 packages each of positive and negative film.

1 lb. of Metal (<i>Acamparion</i>).....	\$2 50
2 lbs. Hydroquinone (<i>Acamparion</i>).....	14 00
25 lb. Sulphate of Soda (<i>Acamparion</i>).....	1 50
25 lb. Carbonate of Soda (<i>Acamparion</i>).....	75
50 lb. Hypo Soda (<i>Acamparion</i>).....	2 00
5 lb. Glycerine (<i>Acamparion</i>).....	1 50

\$27 25

Price, complete, Chemical Outfit \$27.00. *Acamparion*

Full instructions accompany the apparatus showing how the chemicals should be used. We simply list them here in case any customer should desire to purchase them, and to show their cost.

In addition to the above outfit, which is complete, and all that is required, excepting developing chemicals, a quantity of positive and negative sensitive film is necessary. This comes in sets of packages of standard Edison width and unperforated in strips of about four English feet each, price per foot, either positive or negative, and sensitized, ten cents. Sensitized film, perforated, is sold for one cent per foot, net extra.

Packages are not made. As the negative film is the one on which the picture is first taken, and the positive film is the one on which the picture is printed and projected, then unless only one positive is to be made, the negative in the positive, then negative film should be purchased. A set of standard instructions come with this outfit, giving instructions on how to use the chemicals of each piece of apparatus, so that any one can use them with ease.

F. M. Prescott, Inc., New York, N. Y.

knowledge of photography will have no difficulty in taking pictures and making films of their own local views. Developing chemicals may be purchased at any drug store.

We illustrate two short lengths of film to show how they are taken. Observe that there is apparently no difference between the different pictures in each strip. This is on account of their being taken at the rapid rate of 46 per



second. It is necessary to look at one or more seconds' exposure of pictures in order to see a difference between them.

We recommend this picture-taking outfit especially for export use, as we are sure that many foreign customers have beautiful local views which they would like very much to have. Should they be able to reproduce them on the screen by means of their Cinograph.

Special apparatus can be made on order for making films of different widths and perforations. Write for prices, giving specifications of what is required. Code word: *Besides film, Acetone, negative film, Acetone.*

For the latest information, write

OUTFITS

For the guidance of prospective purchasers we have grouped in the form of "Outfits" those articles which our experience would indicate to be necessary for a complete exhibit. Should purchasers order from this list without specifying film subjects desired, we will use our best judgment in making selection of most attractive and interesting scenes.

In ordering by Telegraph use name as Code Word.

No. 1. "99" Model Cinograph and Combined Stereopticon, complete, for Electric Light Circuit.

- 12 Standard 50-ft. Films.
- 1 Film-mender and Cement.
- 1 50-ft. Film, colored.
- 50 Extra Lamp Carbons (imported).
- 13 Slides Announcement for Stereopticon.

Price, \$235.00. Code word: *Acetone.*

No. 11, same outfit as No. 1, but without Stereopticon Attachment and Slides.

Price, \$205.00. Code word: *Acetone.*

No. 2, outfit same as No. 1, with complete Calcium Light Outfit.

Price, \$310.00. Code word: *Acetone.*

No. 15, same outfit as No. 1, with Calcium Light Outfit in addition.

Price, \$280.00. Code word: *Acetone.*

No. 3, outfit same as No. 1, with complete Acetylene Light Outfit in addition.

Price, \$270.00. Code word: *Acetone.*

No. 10, outfit same as No. 1, but with Acetylene Light Outfit in addition.

Price, \$240.00. Code word: *Acetone.*

No. 4. "99" Model Cinograph and Combined Stereopticon, complete, for Electric Light Circuit.

- 22 Standard 50-ft. Film.
- 1 Film-mender and Cement.
- 1 50-ft. Film, colored.
- 1 50 Extra Lamp Carbons (imported).
- 1 Safety Fuse block and 20-foot Double Lamp.
- 14 Announcement Slides.

Price, \$335.00. Code word: *Acetone.*

No. 17, outfit same as No. 4, but without Stereopticon Attachment and Slides.

Price, \$300.00. Code word: *Acetone.*

F. M. Prescott, 111 East Broadway, New York, N. Y.

No. 5, outfit same as No. 4, with complete Calcium Light Outfit in addition.
Price, \$410.00. Code word, *Accedente*.

No. 18, outfit same as No. 17, but with Calcium Light Outfit in addition.
Price, \$375.00. Code word, *Accedenti*.

No. 6, outfit same as No. 4, with complete Acetylene Light Outfit in addition.
Price, \$370.00. Code word, *Accediamos*.

No. 19, outfit same as No. 17, but with complete Acetylene Light Outfit in addition.
Price, \$335.00. Code word, *Accediendo*.

No. 7, "99" Model Cinegraph and Combined Stereopticon, complete for Electric Light Circuit.

20 Standard 50-ft. Films.
 5 " 50-ft. " colored.
 4 " 150-ft. "
 1 Film-mender and Cement.
 100 feet Blank Film for spacing.
 200 Extra Carbons (imported).
 Safety Fuse-block (20-ampere fuse).
 25 feet Double Lamp-cord.
 30 Announcement Slides.

Price, \$490.00. Code word, *Accedion*.

No. 20, outfit same as No. 7, but without Stereopticon Attachment and Slides.
Price, \$450.00. Code word, *Accedez*.

No. 8, outfit same as No. 7 with complete Calcium Light Outfit in addition.
Price, \$565.00. Code word, *Accedite*.

No. 21, outfit same as No. 20 but with complete Calcium Light Outfit in addition.
Price, \$525.00. Code word, *Accediti*.

No. 9, outfit same as No. 7 with complete Acetylene Outfit in addition.
Price, \$525.00. Code word, *Accedon*.

No. 22, outfit same as No. 20 but with complete Acetylene Light Outfit in addition.
Price, \$485.00. Code word, *Accedon*.

Our Announcement Slides are in English. If wanted in any other language the price will be \$100 each set, and if ordered differently in quantity the price will be \$100 each set, and if ordered differently in quantity the price will be \$100 each set. Attention language will be added to the price of that same slide set. Formed in English slides, printed to the center.

ELECTROTYPES FOR SHOW-BILLS

We can furnish an electrotpe, the same as on the frontispiece of this catalogue, either half-tone for fine work or a line cut for newspaper or show-bill work, size 8 by 14 inches. **Price, \$5.00.** Code word, *Accedim*.

NEW COMPLETE MANUAL OF THE EDISON PHONOGRAPH

In English or Spanish—Authorized Version

Twenty-seven Original Drawings.
 Full-size Portrait (new) of Mr. Edison
 Introduction by Mr. Edison
 Ninety-two pages of text.
 Describes everything.

Illustrates everything.
 Bound in black and gold.
 Heavy paper, wide margins, and marginal heads.
 Has 200 numbered references to every working part of Phonograph.
 Tells how to make Records and how to Shave Cylinders.
 Describes the new Spring Motor and the new Slot Device.
 Advises as to Sapphires and Glasses.

All about Batteries.
 Instructions in plain language, easily understood.
 Invaluable to every user, and only complete work on the subject. Price \$1.50, postage prepaid to every part of the world. Code words English edition, *Accedim*; Spanish edition, *Accedim*.

STEREOPTICON LANTERN

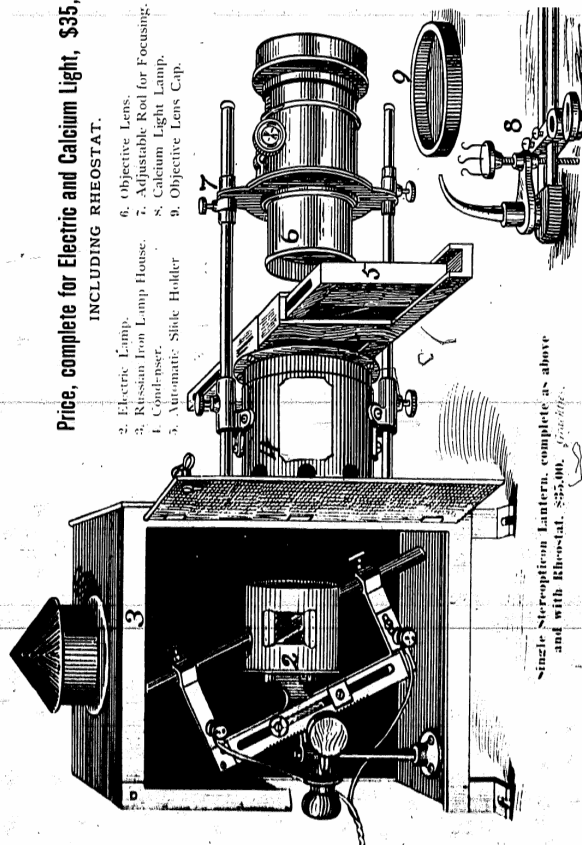
For those wishing a stereopticon lantern for showing slides only we offer our special lantern for either electric, calcium or acetylene light, with slide on the opposite page, price complete, including electric lamp and clocking battery, \$145.00. Our regular acetylene gas light lantern, including slide, is also housed specially with this lantern. *Accedim*.

Slides and lanterns are available in English and Spanish. Write for a catalogue of complete list of slides.

30

In Telegraphing Orders use the Code Words in Italics

Price, complete for Electric and Calcium light, \$35,
INCLUDING RHEOSTAT.

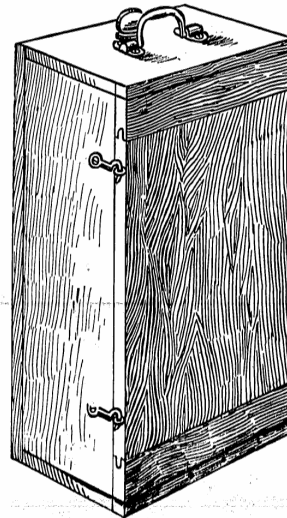


Single Stereopticon Lantern, complete as above
and with Rheostat, \$25.00, *flexible*.

In Telegraphing Orders use the Code Words in Italics

31

Case in which the Mechanism of 1899 Model Cineograph
and Stereopticon Combined is shipped.



The case shown in the engraving above is made compact and strong,
being composed of hard wood with a walnut finish, and
polished brass handle. The case is an extra pro-
tection to the mechanism of the Cineo-
graph, preventing damage being
done thereto while in
transportation.



FIG. 1

Fig. 1 and 2 show how to prepare film when necessary to repair, or to join two or more.

Fig. 3. Film Repairer, made of solid brass, nickel-plated. Price One Dollar, *Island*.

Fig. 4 shows film when joined.



FIG. 2



FIG. 4

The above illustrations show how to prepare and join films when it is desired to run them on reels, or to join them when the ends become separated.

DIRECTIONS

Cut the film about $\frac{1}{4}$ inch from the LOWER line of one of the pictures, as Fig. 1. Cut the other end of film to the extreme TOP of the picture. The $\frac{1}{4}$ inch on the end is necessary to make the lap. Moisten with the tongue the end on which the $\frac{1}{4}$ inch has been cut, and a tape off the emulsion to the line of the adjoining picture with a pocket knife, as Fig. 1. The whole piece on Fig. 2, which should be about $\frac{1}{4}$ inch long, and is part of another picture, show where the emulsion has been scraped off. This is where the cement should be placed. Be sure to put the cement in equal proportion on the film. The other end of the film, the emulsion side.

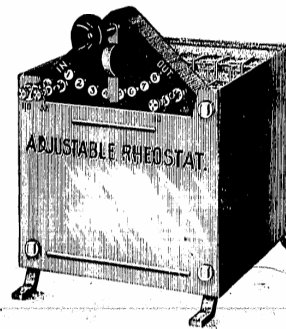
Put Fig. 1 on left of the Film Mender, Fig. 3, and apply the cement with a matched two-piece. The 6 to 12 on the opposite side of the mender, and put the fingers both on and the center directly over the point for a moment and the cement will dry in a few seconds.

Follow the above directions with Fig. 2, and again with 29 and 30. In properly connected the joint will be perfectly invisible before the



FIG. 3

The New Attachments Furnished with the 1899 Model Cineograph and Stereopticon Combined



IMPROVED Adjustable Rheostat

COMPACT HANDSOME
SERVICABLE AND
RELIABLE

Adapted to my current. Occupies less space than any other Rheostat on the market. The Lever Adjustment is a Controller by means of which the current can be at all times regulated and controlled, making the light strong or weak, or on the contrary, as desired for dense or thick films. The Rheostat is made on the most approved scientific principle, is compact, well made, and contains the highest grade of Resistance Wire. The casing is lined with rubber to prevent any possibility of short circuit, and is therefore thoroughly improved.

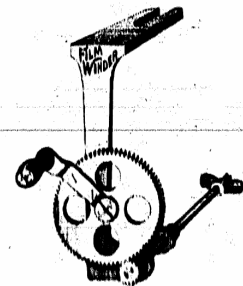
OUR OWN

NEW AND

SPECIAL

FEATURE

ONLY TO BE FOUND



'99 MODEL

A hand-drawn diagram of a rectangular frame. The vertical side on the left is labeled "15 Ft." and the horizontal side at the bottom is labeled "18 Ft.". The corners of the frame are decorated with small, stylized drawings of what appear to be birds or floral motifs. The drawing is done in black ink on a white background.

Only Word: 65992

$$f: W \rightarrow P \text{ is a } \mathbb{Z}[1/p]\text{-finitely generated } P\text{-module, } P \text{ is a } \mathbb{Z}[1/p]\text{-finitely generated } A\text{-module, } 1 \in A, \quad A \neq 1$$

THE WESTERN UNION TELEGRAPH AND CABLE COMPANY
AND THE FRENCH TELEGRAPHIC CABLE COMPANY
HAVE WIRES DIRECT TO OUR BUILDING.

WE ARE CONNECTED WITH LOCAL
AND LONG-DISTANCE TELEPHONE
CALL 151C BROAD



THE NEW, THE LARGEST, THE MOST MODERN BUILDING WAS
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